

SUBHAN KASHIF

Software Engineer · Full-Stack Developer

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PROFESSIONAL SUMMARY

Final-semester Computer Science student at COMSATS University with hands-on experience building full-stack web applications and cross-platform desktop software. Skilled in React, Node.js, Express, and MongoDB, with a growing interest in AI-integrated development. A fast learner with a strong foundation in data structures, OOP, and software design principles — seeking a junior software engineering role where I can deliver real-world impact from day one.

TECHNICAL SKILLS

Languages

JavaScript (ES6+) · Java · SQL · HTML5 · CSS3

Frontend

React.js · Electron.js · Responsive UI · Component Design

Backend

Node.js · Express.js · REST API Design · JWT Auth

Databases

MongoDB · SQLite · SQL Server · Mongoose ODM

Tools

Git & GitHub · OOP · Data Structures · Agile Basics

AI & Tooling

LLM API Integration · AI-Assisted Dev · Prompt Engineering

PROJECTS

SecureHaven — Online Voting System — Jan 2024 – May 2024

Stack: React.js · Express.js · Node.js · MongoDB · JWT

- › Built a full-stack secure online voting platform with role-based access for admins, candidates, and voters.
- › Implemented JWT authentication and bcrypt hashing to guarantee ballot integrity and prevent duplicate voting.
- › Designed a real-time results dashboard with live vote tallying and a responsive, accessible React interface.
- › Developed RESTful API endpoints covering voter registration, ballot submission, and administrative audit logs.

ATG Warehouse Management & POS Billing System — Jun 2024 – Oct 2024

Stack: Electron.js · React.js · SQLite · Node.js

- › Developed a cross-platform desktop application for wholesale warehouse operations — inventory, purchase orders, and POS billing.
- › Architected an offline-first SQLite schema covering products, suppliers, customers, invoices, and stock movements.
- › Built a POS billing interface with product lookup, real-time stock deduction, and printable receipt generation.
- › Added reporting modules for sales analytics, stock summaries, and automated low-inventory alerts.

Wholesale Management System — Mar 2024 – May 2024

Stack: SQL Server · T-SQL · Stored Procedures

- › Designed a relational database system for wholesale operations covering inventory, orders, and supplier management.
- › Wrote stored procedures and views for sales reporting and inventory reconciliation.

Music Player Application — Aug 2023 – Sep 2023

Stack: Java · Data Structures · OOP

- › Built a Java music player using linked lists, queues, and stacks for playlist management and track navigation.
- › Applied core OOP principles — encapsulation, inheritance, and polymorphism — across the application architecture.

EDUCATION

B.S. Computer Science — Final Semester

Sep 2022 – Present

COMSATS University Islamabad, Lahore Campus · Lahore, Pakistan

Core Courses

- › Data Structures & Algorithms · Object-Oriented Programming · Database Systems
- › Software Engineering · Web Technologies · Artificial Intelligence · Operating Systems
- › Computer Organization & Assembly Language

Intermediate (FSC) — Pre-Engineering

Sep 2020 – Jun 2022

FC College Pakistan (Forman Christian College) · Lahore, Pakistan

Matriculation — Science

Apr 2018 – Jun 2020

The Educators School · Lahore, Pakistan

LANGUAGES

English — Full Professional Proficiency **Urdu** — Native **Punjabi** — Native